



## Wall and Ceiling Fans Mera 250

### 1.1 General

A. Provide a wall mounted Axial fan for installation in ceilings, walls and panels. Unit to meet the performance and configuration as indicated in the schedule and detail drawings. The wall mounted Axial fan shall be of the Mera type as supplied by VES Andover Ltd a company accredited with BS EN ISO 9001:2008.

### 1.2 Unit Construction

A. The fan shall be provided pre-assembled comprising an ABS plastic case, steel wire fan guard, plastic axial fan impeller & hub mounted direct drive motor.

B. The case shall be anti-static treated for reduced dust attraction.

C. The case shall be designed with a square wall spigot.

D. The fan shall be supplied with pull cord switch for manual activation.

E. The fan casework & guard shall be finished gloss white.

F. The fan shall be designed for wall mounting in a square cutout.

### 1.3. Fan Impeller

A. The fan shall be fitted with an ABS plastic adjustable blade axial fan impeller finished to match the unit casework.

B. The fan shall incorporate movable shutter blades for automatic air shutoff when the fan is not running.

C. The fan shall be designed to provide supply or extract airflow, selectable by the user via the pull cord.

### 1.4. Motor

A. The fan shall be provided with a 230V single-phase double insulated motor with IPX2 environmental protection rating.

B. The motor is ball bearing mounted for extended life and reduced noise.

### 1.5 Operating Environment

A. The fan is designed to operate in ambient temperatures from 0°C up to 40°C.

### 1.6 Controls

A. The unit shall be controlled via pull cord, with a single pull providing extract airflow, a second pull providing supply airflow, and a third pull stopping the fan.



## 1.7. Ancillaries

A. The unit shall be suitable for use with an external wall cowl or fixed louvre as supplied by VES Andover Ltd. The unit is not suitable for use with movable shutter backdraught louvers.

B. The unit shall be available with an optional wall mounting kit as supplied by VES Andover Ltd.

Download specification from [www.ves.co.uk/information-centre](http://www.ves.co.uk/information-centre)